

My first attempt I did it simple:

```
4 #Input information
5 color = input("Please type your favorite color")
6
7 #Print screen information
8 print(f"Your favorite color is {color}")
```

PROBLEMS

①

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
c:\cse110\Practices>C:/Users/ajvas/AppData/Local/Programs/Python/P
Please type your favorite colorBlue
Your favorit color is {color}
```

```
c:\cse110\Practices>cd c:/cse110/Practices
```

```
c:\cse110\Practices>C:/Users/ajvas/AppData/Local/Programs/Python/P
Please type your favorite colorBlue
Your favorite color is Blue
```

My second attempt I increment this:

w01proveassignment.py > ...

```
1  #Input information
2  color = input("Please type your favorite color between Red, Green, Blue, Yellow, Magenta, Cyan and White: ").lower()
3
4  # Define a dictionary to map color names to ANSI codes
5  color_codes = {
6      "red": "\033[91m",
7      "green": "\033[92m",
8      "blue": "\033[94m",
9      "yellow": "\033[93m",
10     "magenta": "\033[95m",
11     "cyan": "\033[96m",
12     "white": "\033[97m"
13 }
14
15 # Get the corresponding ANSI code or set it to the default (white)
16 color_code = color_codes.get(color, "\033[97m")
17
18 # Capitalizar a primeira letra da cor
19 color = color.capitalize()
20
21 # Print screen information with the specified color
22
23 print(f"Your favorite color is {color_code}{color}\033[0m")
```

The result supposed to print in a color that I specified and first letter capitalized.

```
c:\cse110\Practices>C:/Users/ajvas/AppData/Local/Programs/Python/Python312/python.exe c:/cse110/Practices/w01proveassignment.py
Please type your favorite color between Red, Green, Blue, Yellow, Magenta, Cyan and White: Yellow
Your favorite color is yellow

c:\cse110\Practices>cd c:/cse110/Practices

c:\cse110\Practices>C:/Users/ajvas/AppData/Local/Programs/Python/Python312/python.exe c:/cse110/Practices/w01proveassignment.py
Please type your favorite color between Red, Green, Blue, Yellow, Magenta, Cyan and White: Green
Your favorite color is Green

c:\cse110\Practices>
```

I had help from AI to follow the steps. I did comments explaining.